
 Substitute Form PTO-1449  
(Modified)

 U.S. Department of Commerce  
Patent and Trademark Office

 Attorney's Docket No.  
07039-322001

 Application No.  
09/972,809

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 C.F.R. § 1.98(b))

 Applicant  
Sundee Khosla et al.

 Filing Date  
October 5, 2001

 Group Art Unit  
1653

 TECH CENTER 1608/2000  
FEB 20 2002

RECEIVED

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
JR	AA	5,187,151	02/16/93	Clark et al.	514	3	
JR	AB	5,569,648	10/29/96	Lewis et al.	514	12	
JR	AC	5,681,818	10/28/97	Spencer et al.	514	12	
JR	AD	5,998,369	12/07/99	Khosla et al.	514	12	

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
JR	AE	0 259 904 A1	03/16/88	EPO				
JR	AF	WO 98/50428	11/12/98	PCT				
JR	AG	WO 01/30811	05/03/01	PCT				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
JR	AH	Adams et al., <u>Endocrine Society</u> , 1997 Meeting, p. 496, Abstract P3-240
JR	AI	Agarwal et al., "Sequence Analysis, Expression and Chromosomal Localization of a Gene, Isolated From a Subtracted Human Retina cDNA Library, That Encodes an Insulin-like Growth Factor Binding Protein (IGFBP2)," <u>Exp. Eye Res.</u> , 1991, 52(5):549-561
JR	AJ	Arai et al., "Binding of Insulin-Like Growth Factor (IGF) I or II to IGF-Binding Protein-2 Enables It to Bind to Heparin and Extracellular Matrix," <u>Endocrinology</u> , 1996, 137(11):4571-4575
JR	AK	Bell et al., "Sequence of a cDNA clone encoding human preproinsulin-like growth factor II," <u>Nature</u> , 1984, 310:775-777
JR	AL	Beyer et al., "Case Report - Idiopathic Acquired Diffuse Osteosclerosis in a Young Woman," <u>J. Bone Mineral Res.</u> , 1990, 5(12):1257-1263
JR	AM	Conover, "A Unique Receptor-independent Mechanism by which Insulinlike Growth Factor I Regulates the Availability of Insulinlike Growth Factor Binding Proteins in Normal and Transformed Human Fibroblasts," <u>J. Clin. Invest.</u> , 1991, 88:1354-1361
JR	AN	Conover, "The Role of Insulin-like Growth Factors and Binding Proteins in Bone Cell Biology," <u>Principles of Bone Biology</u> , 1996, 43:607-618
JR	AO	Diamond and Depczynski, "Acquired Osteosclerosis Associated with Intravenous Drug Use and Hepatitis C Infection," <u>Bone</u> , 1996, 19(6):679-683
JR	AP	Duguay et al., "Post-translational Processing of the Insulin-like Growth Factor-2 Precursor," <u>J. Biol. Chem.</u> , 1998, 273(29):18443-18451
JR	AQ	Dull et al., "Insulin-like growth factor II precursor gene organization in relation to insulin gene family," <u>Nature</u> , 1984, 310:777-781

Examiner Signature

Jeffrey E. Russel

Date Considered

April 1, 2003

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

Attorney's Docket No.

07039-322001

Application No.

09/972,809

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant

Sundeep Khosla et al.

Filing Date

October 5, 2001

Group Art Unit

1653

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
JR	AR	Durham et al., "Regulation of Insulin-like Growth Factor Binding Protein 4 by a Specific Insulin-like Growth Factor Binding Protein 4 Proteinase in Normal Human Osteoblast-like Cells: Implications in Bone Cell Physiology," <u>J. Bone Mineral Res.</u> , 1994, 9(1):111-117
JR	AS	Ebeling et al., "Short-Term Effects of Recombinant Human Insulin-Like Growth Factor I on Bone Turnover in Normal Women," <u>J. Clin. Endocrinol. Metab.</u> , 1993, 77(5):1384-1387
JR	AT	Ghiron et al., "Effects of Recombinant Insulin-like Growth Factor-I and Growth Hormone on Bone Turnover in Elderly Women," <u>J. Bone Mineral Res.</u> , 1995, 10(12):1844-1852
JR	AU	Glaser and Kaplan, "Osteoporosis -- Definition and Clinical Presentation," <u>SPINE</u> , 1997, 22(24S):12S-16S
JR	AV	Harris et al., "Development and Characterization of a Conditionally Immortalized Human Fetal Osteoblastic Cell Line," <u>J. Bone Mineral Res.</u> , 1995, 10(2):178-186
JR	AW	Hassager et al., "Basal and Regulated Secretion of Insulin-Like Growth Factor Binding Proteins in Osteoblast-Like Cells is Cell Line Specific," <u>J. Clin. Endocrinol. Metab.</u> , 1992, 75(1):228-233
JR	AX	Hassoun et al., "Hepatitis C - associated Osteosclerosis: An Unusual Syndrome of Acquired Osteosclerosis in Adults," <u>Am. J. Med.</u> , 1997, 103(1):70-73
JR	AY	Hossenlopp et al., "Analysis of Serum Insulin-like Growth Factor Binding Proteins Using Western Blotting: Use of the Method for Titration of the Binding Proteins and Competitive Binding Studies," <u>Anal. Biochem.</u> , 1986, 154(1):138-143
JR	AZ	Khosla et al., "Insulin-like Growth Factor System Abnormalities in Hepatitis C-associated Osteosclerosis," <u>J. Clin. Invest.</u> , 101(10):2165-2173 (May 1998)
JR	AAA	Le Roith, "Insulin-Like Growth Factors," <u>Seminars in Medicine of the Beth Israel Deaconess Medical Center</u> , 1997, 336(9):633-640
JR	ABB	Liu et al., "Characterization of the High Molecular Weight Insulin-Like Growth Factor Complex in Term Pregnancy Serum," <u>J. Clin. Endocrinol. Metab.</u> , 1992, 75(5):1261-1267
JR	ACC	Liu et al., "Characterization of Proinsulin-Like Growth Factor-II E-Region Immunoreactivity in Serum and Other Biological Fluids," <u>J. Clin. Endocrinol. Metab.</u> , 1993, 76(5):1095-1100
JR	ADD	McKinnon et al., "Expression, purification and characterization of secreted recombinant human insulin-like growth factor-I (IGF-I) and the potent variant des(1-3)IGF-I in Chinese hamster ovary cells," <u>J. Mol. Endocrinol.</u> , 1991, 6(3):231-239
JR	AEE	Powell et al., "Serum Somatomedin Levels in Adults with Chronic Renal Failure: The Importance of Measuring Insulin-Like Growth Factor I (IGF-I) and IGF-II in Acid-Chromatographed Uremic Serum," <u>J. Clin. Endocrinol. Metab.</u> , 1986, 63(5):1186-1192
JR	AFF	Robey and Termine, "Human Bone Cells <i>In Vitro</i> ," <u>Calcif. Tissue Int.</u> , 1985, 37:453-460
JR	AGG	Upton et al., "Characterization and cloning of a bovine insulin-like growth factor-binding protein," <u>J. Mol. Endocrinol.</u> , 1990, 5(1):77-84
JR	AHH	Valenzano et al., "Biophysical and Biological Properties of Naturally Occurring High Molecular Weight Insulin-like Growth Factor II Variants," <u>J. Biol. Chem.</u> , 1997, 272(8):4804-4813
JR	AII	Villareal et al., "Painful Diffuse Osteosclerosis After Intravenous Drug Abuse," <u>Am. J. Med.</u> , 1992, 93:371-381
JR	AJJ	Whitfield et al., "Isolation of a cDNA clone encoding rat insulin-like growth factor-II precursor," <u>Nature</u> , 1984, 312:277-280
JR	AKK	Whyte et al., "Diffuse Osteosclerosis in Intravenous Drug Abusers," <u>Am. J. Med.</u> , 1993, 95:660-662

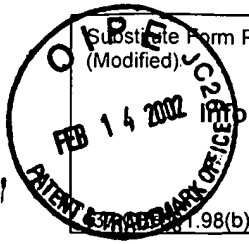
Examiner Signature

Jeffrey E. Russell

Date Considered

April 1, 2003

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
07039-322001Application No.  
09/972,809**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Applicant  
Sundee Khosla et al.Filing Date  
October 5, 2001Group Art Unit  
1653**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
<i>JS</i>	ALL	Whyte et al., "Doubling Skeletal Mass During Adult Life: The Syndrome of Diffuse Osteosclerosis after Intravenous Drug Abuse," <u>J. Bone Mineral Res.</u> , 1996, 11(4):554-558
<i>JS</i>	AMM	Whyte and Reasner, "Hepatitis C-associated Osteosclerosis after Blood Transfusion," <u>m. J. Med.</u> , 1997, 102:219-220
<i>JS</i>	ANN	Yang et al., "The Expression and Characterization of Human Recombinant Proinsulin-Like Growth Factor II and a Mutant That Is Defective in the O-Glycosylation of Its E Domain," <u>Endocrinology</u> , 1996, 137(7):2766-2773

RECEIVED  
 FEB 20 2002  
 TECH CENTER 1650/2900

Examiner Signature

*Jeffrey E. Russell*

Date Considered

*April 1, 2003*

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.